

TFT
VERPACKUNGEN



「 FIBRE DRUMS BY TFT
Intelligence and power 」



Trust in our strength!

The TFT Thüringer Fiber-Trommel GmbH is a family-run medium-sized company. It has been based in Rositz in eastern Thuringia, a place of great industrial tradition, since 1965. Although firmly rooted in the region, it exports all its products worldwide.

TFT specializes in paper – which is both a traditional material but also a material with a sustainable future. The TFT portfolio has been built on three pillars: fibre drums, shipping tubes and carrier bags.

TFT's customers appreciate its reliable quality, flexibility, short production times and adherence to deadlines. Decades of experience with paper as a material and its own research and development department enable the company to satisfy individual customer requirements and operate innovatively on the market.

What can we do for you? Call us. A warm welcome is guaranteed!



www.tft-verpackungen.com

Fibre drums: stable, versatile, ecological



Whether for chemicals, pharmaceuticals, foodstuffs, agricultural agents, metalworking resources, or dyes, fibre drums are ideal for a sheer unlimited range of applications.

Fibre drums are an eco friendly alternative to metal or plastic barrels, their materials can be recycled, and their low weights cut transport costs.

The drums can withstand extreme loads, they are easy to stack, store, and transport, and they retain their shape.

The body of the drum is made up of multiple plies of parallel or spiral wound kraft paper with a robust binding between the drum body and bottom for reliable protection from rough handling.

You can choose from a range of lids and bottoms that are best suited to your needs. The closing mechanism takes the form of a sealable tension ring with external lever lock.

A great many options are available on request: composite materials on the outside or inside (polyethylene, aluminium, silicone, etc.), carrying handles, PE liner bags, or customised paintwork, labelling, or printing.

TFT fibre drums have been approved by the German Safety Inspectorate TÜV Deutschland and in accordance with most of the UN recommendations.



Fibre drum with PE lid and tension closure



Fibre drum with fibre lid and tension closure



For every drum the right lid and bottom

Depending on your needs, you can choose any combination of bottom and lid of various materials, whether kraft paper, metal, plastic, MDF, or plywood.

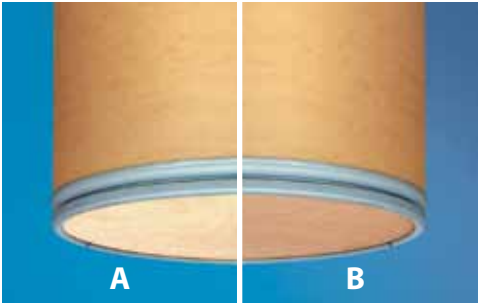
Example combinations are:

- TFT-F/PE** bottom of laminated kraft paper and robust plastic lid of PE with tension closure and optional PUR gasket
- TFT-H/H** bottom and lid of plywood, lid with rubber gasket and tension closure
- TFT-MDF/MDF** bottom and lid of MDF in two different thicknesses with tension closure
- TFT-B/B** bottom and lid of galvanised steel sheet with tension closure, lid also with optional PUR gasket

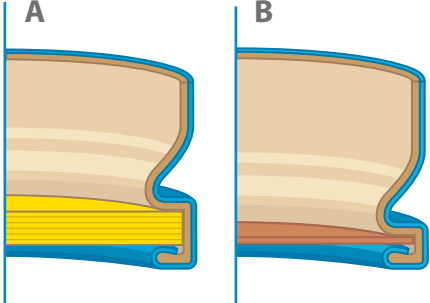
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Fibre bottom



A Plywood bottom
B MDF bottom



Sheet steel bottom galvanised

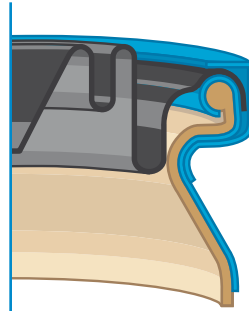


| | | | |
|------------------------|----------------|---------------|------------|
| Fibre | Fibre laminate | MDF | Plywood |
| Galvanised steel sheet | Plastic | Rubber gasket | PUR gasket |



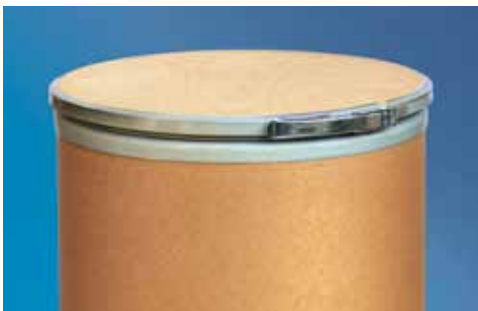
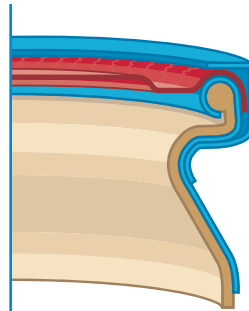
PE lid

Robust plastic lid with tension closure



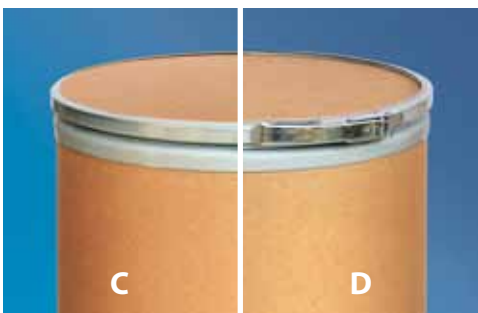
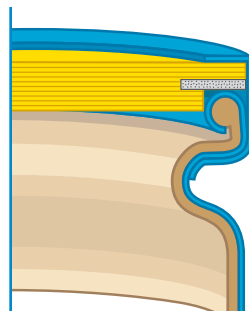
Fibre lid

Lid of fibre laminate with tension closure



Plywood lid

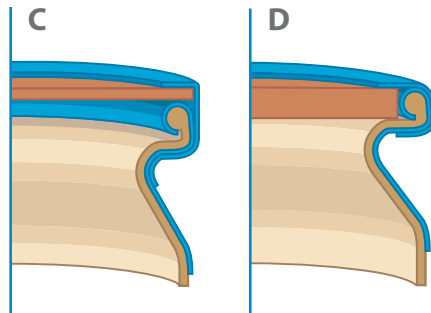
Lid of plywood with rubber gasket and tension closure



C MDF lid with outer rim

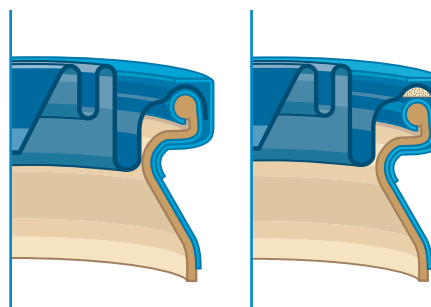
D MDF lid with inner rim

Lid of MDF in two different thicknesses with tension closure



Sheet steel galvanised

Lid of galvanised steel sheet with tension closure, also with optional PUR gasket





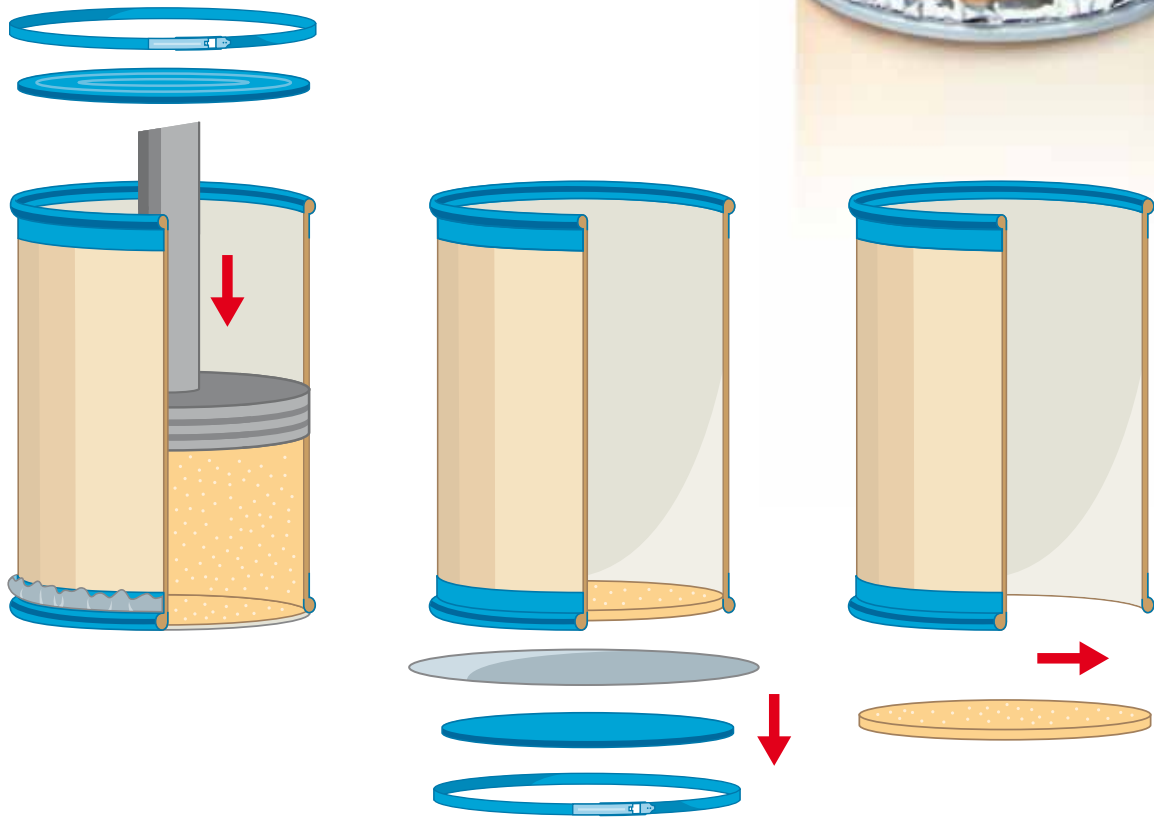
Hot melt drums

These fibre drums were developed specifically for transporting, storing, and processing thermo-plastic adhesives and sealants and feature a removable bottom for complete draining and therefore 100% utilisation of the contents.

The crimped top and bottom steel chime band is stabilising the drum body. Pointing away from the lid, the crimps do not obstruct the heated plunger entering the drum.

The drum's inner wall is smooth and also lined with kraft paper coated with silicone. The pressure plate can therefore move down with the minimum of friction.

The metal bottom is secured with a tension ring and can be removed manually with ease. Solidified residue can be removed and reintroduced to the processing cycle.



1. The heated pressure plate is inserted directly into the drum where it liquefies the contents.

2. When the drum is empty, the bottom support and protective film are removed.

3. The residue remaining on the bottom can be removed and reintroduced to the processing cycle.

Tension closure with lever lock for simplified closing

Removable lid of steel sheet

Silicone coating

Outward crimping with steel

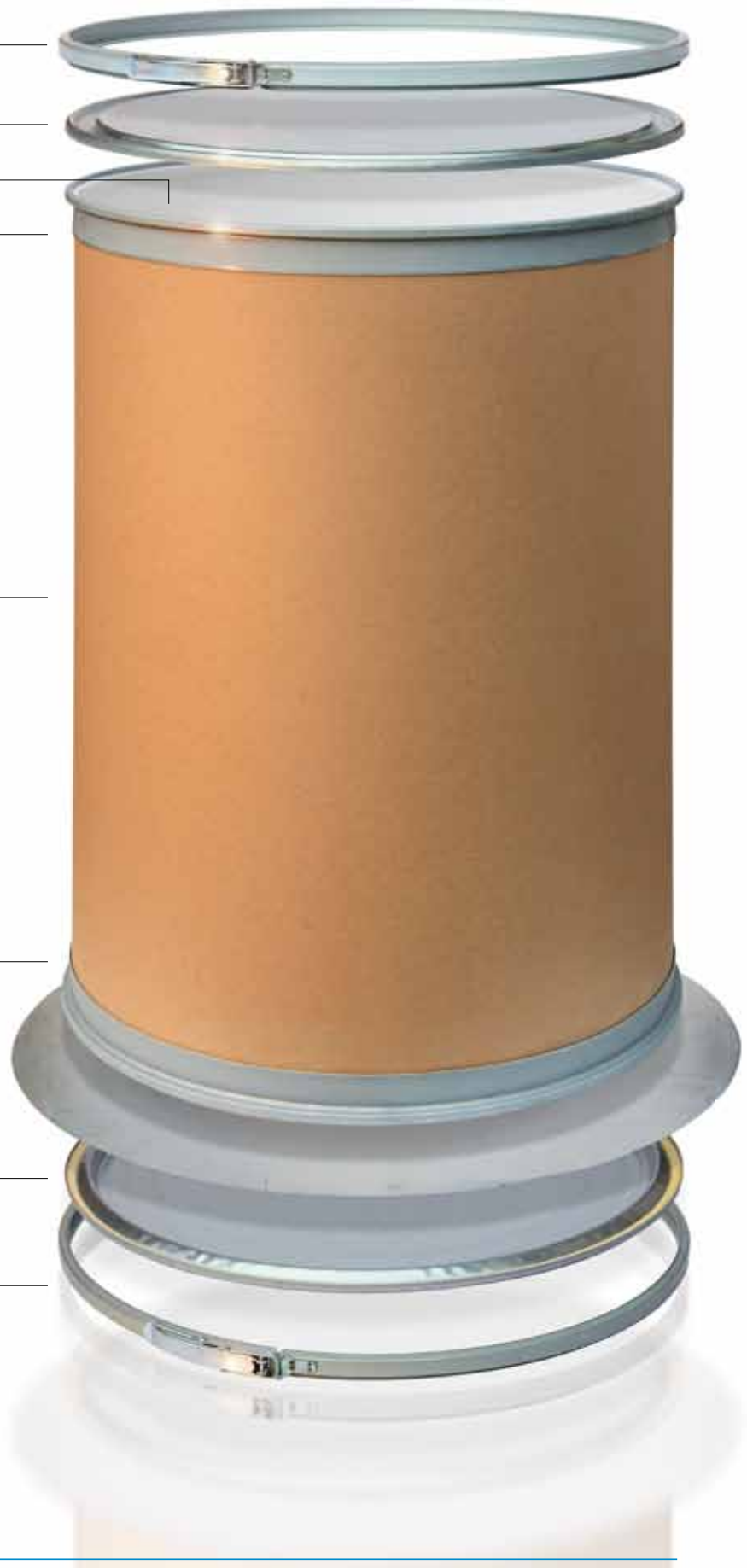
100% kraft liner

Outward crimping with steel

Protective film of siliconised PET

Removable lid of sheet steel

Tension closure with lever lock for simplified closing



Fibre
Silicone coating

Protective film of siliconised PET
Thermoplastic buffer

Galvanised steel sheet



Fibre drum specifications (NTR design)

| Nom diam (mm) | 250 | 280 | 300 | 315 | 355 | 370 | 380 | 400 | 420 | 450 | 500 | 510 | 560 | 571.5 | 580 | 630 | 650 |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Capacity (l) | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height | Height |
| 5.0 | 140 | | | | | | | | | | | | | | | | |
| 7.5 | 190 | | | | | | | | | | | | | | | | |
| 10.0 | 240 | 200 | 180 | | | | | | | | | | | | | | |
| 12.5 | 290 | 240 | 215 | 180 | | | | | | | | | | | | | |
| 15.0 | 340 | 280 | 250 | 215 | | | | | | | | | | | | | |
| 20.0 | 440 | 360 | 320 | 280 | | | | | | | | | | | | | |
| 25.0 | 540 | 440 | 390 | 345 | | | | | | | | | | | | | |
| 30.0 | | 520 | 460 | 410 | 335 | | 300 | | | | | | | | | | |
| 35.0 | | | | 475 | 385 | | 345 | | | | | | | | | | |
| 40.0 | | | | 540 | 435 | 400 | 390 | | 320 | | | | | | | | |
| 45.0 | | | | 605 | 485 | 450 | 435 | 420 | 355 | | | | | | | | |
| 50.0 | | | | 670 | 540 | 500 | 480 | 435 | 390 | 335 | | | | | | | |
| 55.0 | | | | 735 | 590 | 550 | 525 | 475 | 430 | 370 | | | | | | | |
| 60.0 | | | | 800 | 640 | 600 | 570 | 515 | 465 | 405 | | | | | | | |
| 65.0 | | | | | 690 | 650 | 615 | 555 | 500 | 440 | | | | | | | |
| 70.0 | | | | | 740 | 700 | 660 | 600 | 540 | 475 | | | | | | | |
| 75.0 | | | | | | | 705 | 640 | 575 | 510 | | | | | | | |
| 80.0 | | | | | | | 750 | 680 | 610 | 540 | | | | | | | |
| 85.0 | | | | | | | 795 | 720 | 650 | 570 | | | | | | | |
| 90.0 | | | | | | | 840 | 760 | 685 | 600 | 515 | | | | | | |
| 95.0 | | | | | | | 885 | 800 | 720 | 630 | 540 | | | | | | |
| 100.0 | | | | | | | 930 | 840 | 760 | 665 | 565 | | | | | | |
| 110.0 | | | | | | | | 925 | 830 | 730 | 615 | | | | | | |
| 120.0 | | | | | | | | | 905 | 795 | 665 | 600 | 525 | | | | |
| 130.0 | | | | | | | | | | 855 | 715 | 650 | 565 | | | | |
| 140.0 | | | | | | | | | | 920 | 765 | 700 | 605 | | | | |
| 150.0 | | | | | | | | | | 985 | 815 | 750 | 645 | 600 | 600 | | |
| 160.0 | | | | | | | | | | 1045 | 865 | 800 | 690 | 640 | 640 | | |
| 170.0 | | | | | | | | | | | 915 | 850 | 720 | 680 | 680 | | |
| 180.0 | | | | | | | | | | | 965 | 900 | 770 | 720 | 720 | | |
| 190.0 | | | | | | | | | | | | 950 | 815 | 760 | 760 | | |
| 200.0 | | | | | | | | | | | | | 855 | 815 | 800 | 675 | |
| 210.0 | | | | | | | | | | | | | 895 | 855 | 835 | 710 | |
| 220.0 | | | | | | | | | | | | | 935 | 895 | 875 | 745 | 700 |
| 230.0 | | | | | | | | | | | | | 980 | 935 | 910 | 780 | 730 |
| 240.0 | | | | | | | | | | | | | | 975 | 950 | 810 | 760 |
| 250.0 | | | | | | | | | | | | | | 1010 | 990 | 835 | 790 |
| 260.0 | | | | | | | | | | | | | | | 1025 | 875 | 825 |
| 270.0 | | | | | | | | | | | | | | | 1060 | 910 | 855 |
| 280.0 | | | | | | | | | | | | | | | 1100 | 940 | 885 |
| 290.0 | | | | | | | | | | | | | | | 1140 | 970 | 935 |
| 300.0 | | | | | | | | | | | | | | | 1175 | 1000 | 945 |
| 310.0 | | | | | | | | | | | | | | | | 1035 | 975 |
| 320.0 | | | | | | | | | | | | | | | | 1070 | 1005 |
| 330.0 | | | | | | | | | | | | | | | | 1100 | 1035 |
| 340.0 | | | | | | | | | | | | | | | | 1130 | 1065 |
| 350.0 | | | | | | | | | | | | | | | | 1165 | 1095 |
| 360.0 | | | | | | | | | | | | | | | | 1200 | 1125 |
| 370.0 | | | | | | | | | | | | | | | | | 1155 |
| 380.0 | | | | | | | | | | | | | | | | | 1185 |
| 390.0 | | | | | | | | | | | | | | | | | 1215 |
| 400.0 | | | | | | | | | | | | | | | | | 1245 |



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